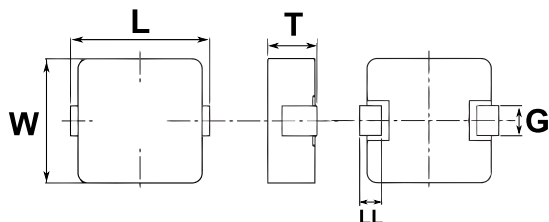


**KEMET Part Number: MPC0740LR42C** Not for New Design  
(UPIA0740LR42C0)

KEMET, MPC, Power, 420 nH, 20%



#### Dimensions

Chip Size	3126
L	8mm MAX
W	6.7mm +/-0.3mm
T	4mm MAX
LL	1.5mm NOM
G	2mm +/-0.3mm

#### Packaging Specifications

Packaging:	T&R, 330mm
Packaging Quantity:	1000

#### General Information

Series:	MPC
Style:	SMD
Description:	Shielded, Surface Mount Inductor
Features:	High Speed, Large Current DC/DC Converter
RoHS:	Yes
Core:	Composite

#### Specifications

Inductance:	0.42 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-40/+125C
Rated Temperature:	120C
Shielded:	Yes
Current:	20 Amps (Isat, 20% Drop In Inductance), 22 Amps (Irms, 40C Rise By Self Heating)
DC Resistance:	1.55 mOhms